

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number
WO 2004/035711 A1

(51) International Patent Classification⁷: **C09K 21/02**,
21/04, C08K 3/10, 3/32, 3/34, 3/36, 3/38, 3/40, 7/10,
H01B 7/295

(21) International Application Number:
PCT/AU2003/001383

(22) International Filing Date: 17 October 2003 (17.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002952136 17 October 2002 (17.10.2002) AU
2003903345 30 June 2003 (30.06.2003) AU

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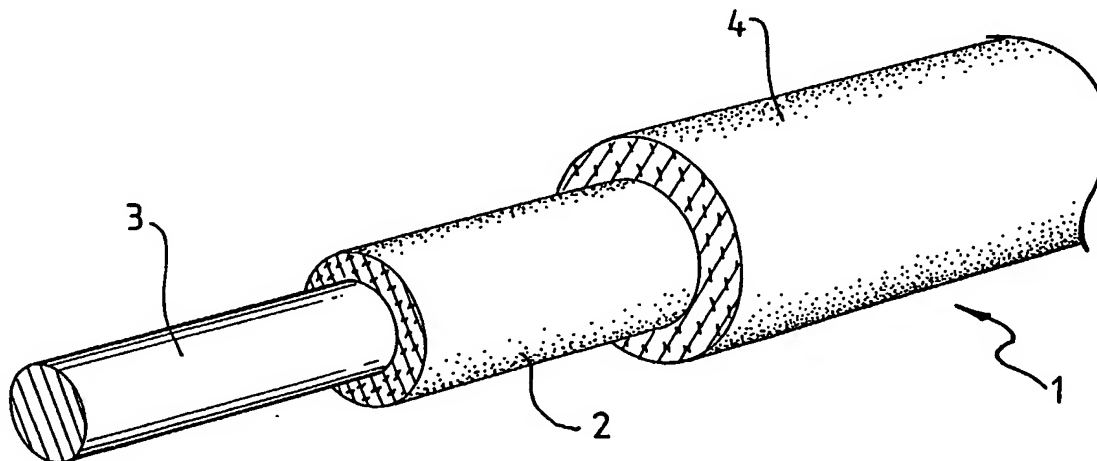
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[Continued on next page]

(54) Title: FIRE RESISTANT POLYMERIC COMPOSITIONS



(57) Abstract: A fire resistant composition for forming a fire resistant ceramic at elevated temperatures, the composition comprising: at least 15% by weight based on the total weight of the composition of a polymer base composition comprising at least 50% by weight of an organic polymer; and at least 20% by weight based on the total weight of the composition of a silicate mineral filler; wherein upon exposure to an elevated temperature (experienced under fire conditions), the fire resistant composition is useful for passive fire protection applications, particularly cables, the fluxing oxide is present in an amount of from 1 to 15% by weight of the residue.

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(81) **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/01383

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C09K 21/02, 21/04; C08K 3/10, 3/32, 3/34, 3/36, 3/38, 3/40, 7/10; H01B 7/295

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Derwent Online Abstracts and USPTO full text, keywords covering combinations of (plastics or polymers) with (wires or cables) with (mineral silicates including mica, wollastonite and talc) with (fluxes/frits, low melting point metal oxides), period 1975-2003

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, Y	US 6433049 B (ROMENESKO et. al.) 13 August 2002 See especially columns 4 line 8 - column 8 line 51.	1-48
Y	US 6239378 B (SHEPHARD) 29 May 2001 See claim 1, examples	1-48
X, Y	WO 00/68337 A (WOLSTENHOLME INTERNATIONAL LTD 16 November 2000. See examples, page 14 line 15-page 15 line 3.	1-48
X, Y	WO 00/66657 A (ALCAN INTERNATIONAL LTD) 9 November 2000 See claims 1-10, examples.	1-48



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search
6 November 2003

Date of mailing of the international search report
12 NOV 2003

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/01383

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X, Y	GB 2268497 A (FERODO CAERNARFON LIMITED) 12 January 1994 See whole document, especially the example.	1-48
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU03/01383

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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